

## SECTION 6

### 6.03 PIPE CLASSES:

Denver Water has established minimum design safety factors for system piping considering working pressures of 150 pounds per square inch concurrent with water hammer surge pressure of 120 pounds per square inch for 4, 6, and 8 inch pipe, 110 pounds per square inch for 12 inch pipe and 70 pounds per square inch for 16 inch and larger pipe.

Based upon these considerations, the following minimum AWWA Standard pressure classes for acceptable types of pipe are required:

Ductile Iron (DI) -	Special Class 50 (6, 8, 12 & 16 inch)
	Special Class 51 (4, 20 & 24 inch)
Plastic (PVC) -	Class 150 (6, 8 & 12 inch)
	Class 200 (4 inch)